

## Detailed Estimate

**OD/365/3507/120343/387913/00064052 : Construction of CC road from Mangal Murmu house to Dhipasahi at Unchagaon Village**

**Block : Saraskana, Gram Panchayat : Bagbuda**

**Created By: JAYANTA KUMAR BAG**

<b>1. Earth Work (AR0110) : Fine dressing of earth work in ordinary or hard soil in road formation</b>								
Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROAD SURFACE	1.000	30.850	3.650	0.000	0.000	112.603	-
Total Quantity					112.6025 Sqm (Sqm)		112.6025 Sqm (Square Meter)	
Amount					112.6025 X 4.6662		525.43	
<b>2. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift</b>								
Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	CUT OFF	1.000	2.000	30.850	0.250	0.100	1.543	-
Total Quantity					1.5425 cum (cum)		1.5425 Cum (Cubic Meter)	
Amount					1.5425 X 240.77592		371.40	
<b>3. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed</b>								
Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	CUT OFF	2.000	30.850	0.250	0.050	0.000	0.771	-
ii	ROAD	1.000	30.850	3.150	0.100	0.000	9.718	-

Total Quantity				10.489 cum (cum)			10.489 Cum (Cubic Meter)	
Amount				10.489 X 1222.295132			12820.65	
<b>4. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal</b>								
Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	CUT OFF	2.000	30.850	0.250	0.250	0.000	3.856	-
ii	ROAD	1.000	30.850	3.150	0.100	0.000	9.718	-
Total Quantity				13.574 cum (cum)			13.574 Cum (Cubic Meter)	
Amount				13.574 X 6423.7618828			87196.14	
<b>5. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum</b>								
Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete as per specificaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROAD	1.000	30.850	3.650	0.100	0.000	11.260	-
Total Quantity				11.26025 cum (cum)			11.26025 Cum (Cubic Meter)	
Amount				11.26025 X 7936.1578806			89363.12	
<b>6. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc</b>								
Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	CUT OFF OUTER SURFACE	2.000	30.850	0.000	0.300	0.000	18.510	-

ii	CUT OFF INNER SIDE	2.000	30.850	0.000	0.200	0.000	12.340	-
Total Quantity					30.85 Sqm (Sqm)		30.85 Sqm (Square Meter)	
Amount					30.85 X 216.39264180804		6675.71	
Total Amount							196952.45	
<b>Addition</b>								
Provision for Contingency (+) @							1966.54	
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							4966.54	
Grand Net Total Amount							201918.99	

**JAYANTA KUMAR BAG**  
JE  
Saraskana Block

**Gagan Bihari Mohanty**  
AEE  
Saraskana Block

**Suman Raja Mohanty**  
BDO  
Saraskana Block